AA-08(Universal Dragon COM PORT Settings)

Related Assemblies:	Universal Dragon				
Symptom:	When using a USB Port with Universal Dragon Software (all versions), Dragon does not show any Com Ports available under the Preferences Menu				
Cause:	Universal Dragon Software looks at Com Ports 1 thru 4 for availability. Sometimes your PC's USB Driver will configure the USB Port for Com 5 or higher. To verify the Com Port Settings and to correct this problem if necessary, please follow the instructions below.				
Verifying Com Port Settings:	To Verify your PC's Com Port Settings, please do the following:				
	<ul> <li>To Check what Comport your USB is set to:</li> <li>1. Right click on the MY COMPUTER icon located on your desktop.</li> <li>2. Select Properties from the pop-up menu</li> <li>3. Select the HARDWARE TAB</li> <li>4. Select DEVICE MANAGER</li> <li>5. Scroll down and click on PORT (if a '+' is shown next to PORTS, click on it to see all installed PORT's)</li> <li>Note: The PC must be connected to the device you are trying to program. Otherwise the Com Port will not be listed.</li> <li>6. Check which port USB-SERIAL is set to.</li> </ul>				
Changing USB/COM Setting:	If the Com Port Setting realized above, is set to COM 5 or above, you will need to change this setting. Follow the instructions below to change the Com Port Setting of your PC's USB Port.				
	If USB SERIAL is set to COM 5 or above, do the following: 1. Rt Click on USB/SERIAL 2. Select Properties from the pop-up menu 3. Select the PORT SETTINGS TAB				

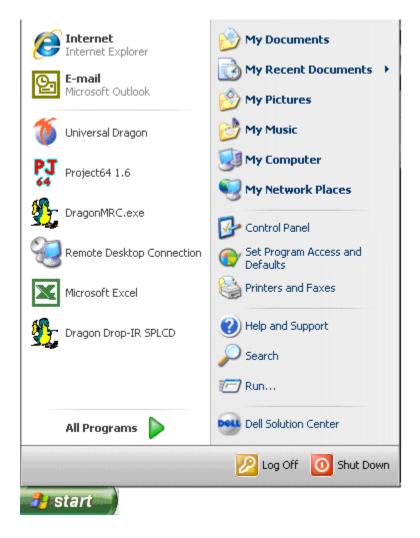
- 4. Click on ADVANCED
- Next to COM PORT Number, click on the 'down' arrow to open the drop-down menu and select an available Com Port and make sure it is Com 1, 2, 3, or 4
- 6. Click OK to save settings.
- Return to Universal Dragon Software and click on FILE and Preferences.
- 8. Verify the new Com Port is available.



### **COM PORT CHECK**

1<sup>st</sup> Click on Start

note: At the end of the steps You need to Restart You Computer so that the Changes can Take Effect. If using Legacy Dragon the ports available will only be Com 1 through Com 4.



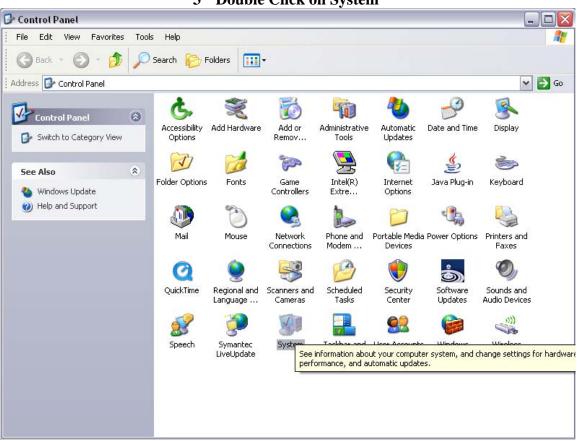


2<sup>nd</sup> Click on Control Panel G Internet Internet Explorer My Documents 🎝 My Recent Documents 🔸 E-mail <u>Q</u>-Microsoft Outlook **My Pictures** My Music Universal Dragon **My Computer** Project64 1.6 **My Network Places** <u>8</u> DragonMRC.exe 🐶 Control Panel Remote Desktop Connection Set Def Provides options for you to computer, add or remove p Prin accounts. Microsoft Excel Help and Support **%** Dragon Drop-IR SPLCD Search 7 Run... Dell Solution Center All Programs 🔎 Log Off O Shut Down 🛃 start

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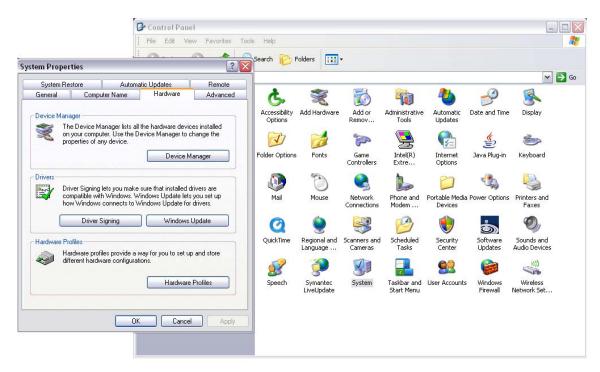


3<sup>rd</sup> Double Click on System



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4<sup>th</sup> Select Hardware Tab



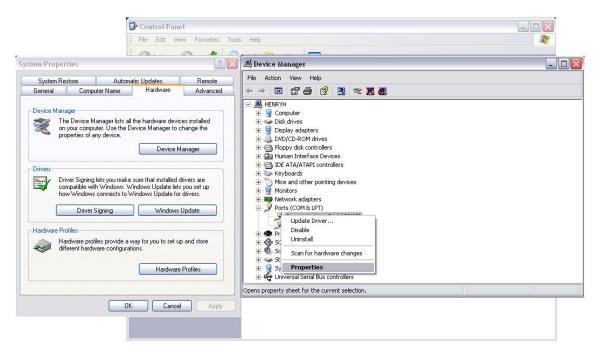
#### 5<sup>th</sup> Click on Device Manager

📴 Control Panel		
File Edit View Favorites Tools	Help	A
System Properties ? 🔀	B Device Manager	🛛
System Restore Automatic Updates Remote	File Action View Help	
General Computer Name Hardware Advanced	$\leftarrow \rightarrow   \mathbb{II}   \mathbb{S}$	
Device Manager         Image:         Image:         Device Manager lists all the hardware devices installed properties of any device.         Device Manager         Diver         Divers         Driver Signing         Driver Signing         Windows Lipdate lets you set up and store         Driver Signing         Hardware profiles provide a way for you to set up and store         different hardware configurations.         Hardware Profiles         DK       Cancel	HENRYH     Gomputer     Computer     Computer     Computer     Computer     Display adapters     Display ada	



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#### 6<sup>th</sup> Click on the Plus sign of Ports than Right Click on the Communication Port or the USB/Serial Port and select Properties



#### 7<sup>th</sup> Click on Port Settings than Click on Advanced

	🕞 Control Panel				
	File Edit View Favorites Tools Help				
_					
🛢 Device Manager			Communications Port (COM3) Prop	ortios	? 🛛 🗤
File Action View Help					Go
+ -> 📧 🖆 🎒 😫 🛰 🗙 🌄		2	General Port Settings Driver Details	Resources	
E BIRYH		'dv	Bits per second:	9600	~
		1	Data bits:	8	×
<ul> <li>Floppy disk controllers</li> <li>Want Human Interface Devices</li> </ul>		its	Parity:	None	~
IDE ATA/ATAPI controllers     Keyboards     Mire and other pointing devices		)	Stop bits:		~
Mice and other pointing devices     Monitors     Monitors		ise	Flow control:	None	×
Ports (COM & LPT)     Communications Port (COM3)     ECP Printer Port (LPT1)		2		vanced	Restore Defaults
<ul> <li>Processors</li> <li>SCSI and RAID controllers</li> </ul>		al a ge			
<ul> <li>Ound, video and game controllers</li> <li>Storage volumes</li> </ul>					
🕑 🧕 System devices 🗉 🙀 Universal Serial Bus controllers		nte ida			
				ОК	Cancel
	OK Cancel Apply			-	



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8<sup>th</sup> Click on the Down Arrow for the Com Port Number. If there is one that states "in use" it looks like the Port is locked up. You are going to want to Select the Port stating "in use". Their may be more ports stating "in use". If there is anymore follow Steps 8 and below.

### 9<sup>th</sup> It will Prompt a Communications Port Settings window Click "YES"

tem Proper			<u> </u>	Communications Port (COM3) Properties	
System Re:	store Automa	itic Updates	Remote	General Port Settings Driver Details Becources	
General	Computer Name	Hardware	Advanced	Advanced Settings for COM3	?
Drivers	ger = Device Manager lists all your computer. Use the D perities of any device. ver Signing lets you make npatible with Windows. W Windows connects to W Driver Signing	evice Manager to Device M sure that installed indows Update let	change the Aanager drivers are s you set up r drivers.	✓ Use FIFO buffers (requires 16550 compatible UART)     Select lower settings to correct connection problems.     Select higher settings for faster performance.     Receive Buffer: Low (1)     ✓ High (14) (14)     Transmit Buffer: Low (1)     ✓ High (16) (16)	OK Cancel Defaults
	rdwar erent (1) This CO	M name is being u		(such as another com port or modem). Using duplicate names can lead to inaccessible devices and	
		Cance	Apply	Ves No OK Cancel	



10<sup>th</sup> It will take you back to "Communications Port Properties and have the Port number that previously said "in use" selected. You can now go back into "Advanced" and set the Port you want to use.

Communications Port (COM4) Properties					
General Port Settings Driver Details	Resources				
Bits per second:	9600	~			
Data bits:	8	~			
Parity:	None	~			
Stop bits:	1	~			
Flow control:	None	~			
Ad	vanced Restore De	afaults			
	ОК С	Cancel			



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Communications Port (COM-	<ol> <li>Properties</li> </ol>		?×			
Advanced Settings for COM	4					? 🔀
Use FIFO buffers (requi Select lower settings to Select higher settings fo Receive Buffer: Low (1)		) High (14)	(14)	OK Cancel Defaults		
Transmit Buffer: Low (1)			. 0	High (16)	(16)	
COM Port Number: COM1 COM2 COM3 COM4 COM5 COM6 COM6 COM7 COM8 COM9 COM10 COM10 COM10 COM10 COM11 COM12 COM12 COM13 COM14 COM12 COM10 COM12 COM12 COM13 COM16 COM15 COM16 COM17 COM18 COM19 COM18 COM19 COM12 COM21 COM21 COM22 COM23 COM24 COM25 COM25 COM24 COM25 COM25 COM25 COM26 COM27 COM28 COM29 COM29 COM20 C		<u>OK</u>	Cancel			

## 11<sup>th</sup> You need to Restart You Computer so that the **Changes can Take Effect**